

## SMA Male to Straight Cut Lead Cable Using RG316 Coax with HeatShrink



### PE3C5493/HS

#### Configuration

- Connector 1: SMA Male
- Connector 2: Straight Cut Lead
- Cable Type: RG316
- Coax Flex Type: Flexible

#### Features

- 69% Phase Velocity
- FEP Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3C5493/HS 50 ohm SMA male to straight cut lead cable using RG316 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		69		%
Jacket Spark			2,000	Vrms

#### Mechanical Specifications

##### Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.011 lbs [4.99 g]

##### Cable

Cable Type	RG316
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid

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Jacket Material	FEP, Tan
Jacket Diameter	0.102 in [2.59 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	SMA Male	Straight Cut Lead
Impedance	50 Ohms	0 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	
Dielectric Type	PTFE	
Body Material and Plating	Brass, Gold	
Coupling Nut Material and Plating	Brass, Gold	
Hex Size	5/16 in	
Torque	5 in-lbs 0.57 Nm	

#### Environmental Specifications

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

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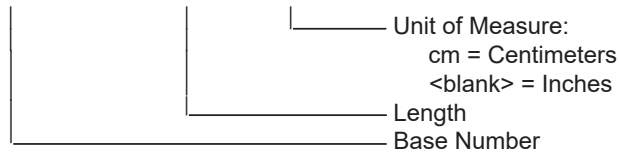
### PE3C5493/HS

#### Typical Performance Data

#### How to Order

Part Number Configuration:

**PE3C5493/HS - xx uu**



Example: PE3C5493/HS-12 = 12 inches long cable  
PE3C5493/HS-100cm = 100 cm long cable

SMA Male to Straight Cut Lead Cable Using RG316 Coax with HeatShrink from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

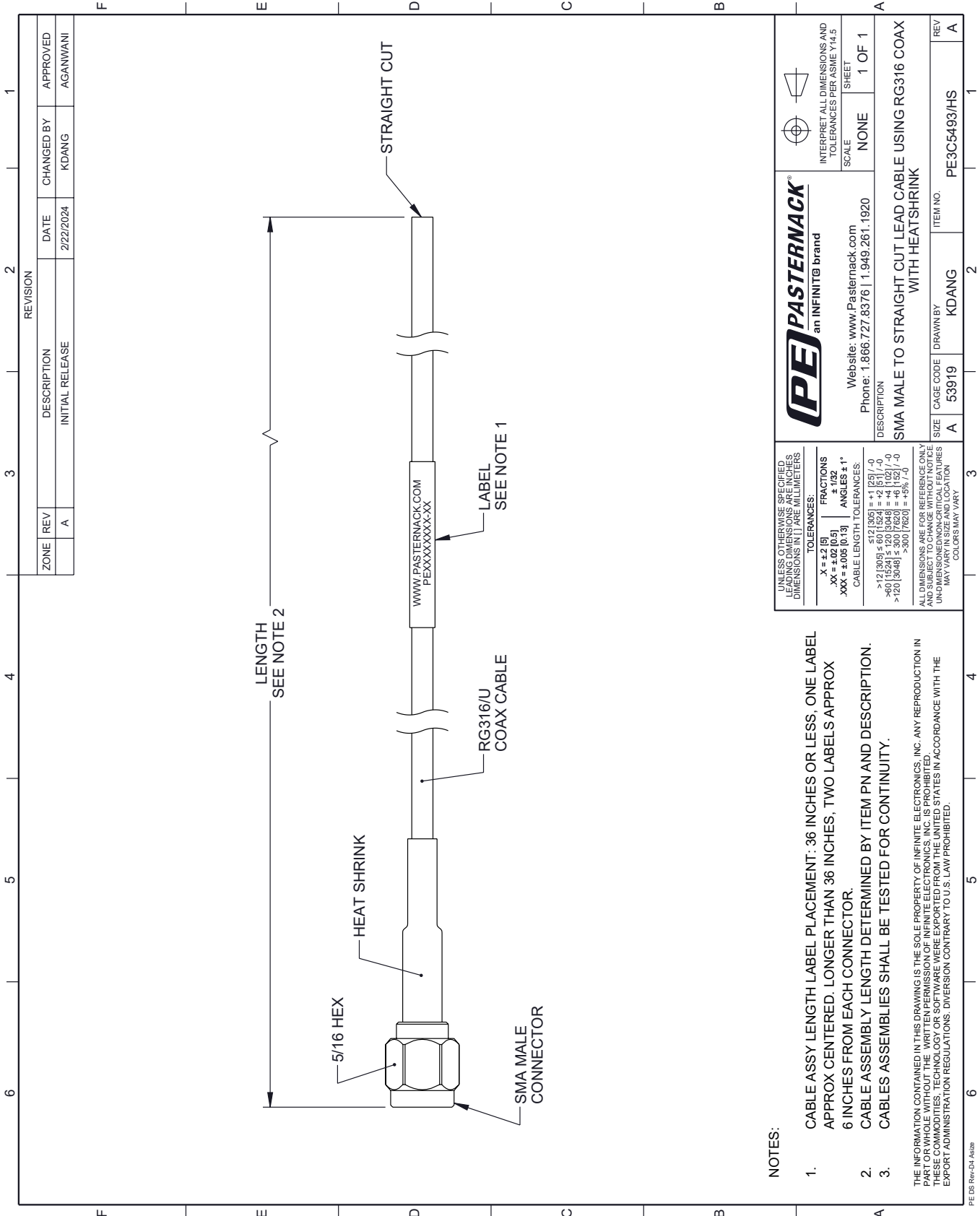
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to Straight Cut Lead Cable Using RG316 Coax with HeatShrink PE3C5493/HS](https://www.pasternack.com/sma-male-to-straight-cut-lead-cable-using-rg316-with-heatshrink-pe3c5493-hs)

URL: <https://www.pasternack.com/sma-male-to-straight-cut-lead-cable-using-rg316-with-heatshrink-pe3c5493-hs-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

# PE3C5493/HS CAD Drawing

SMA Male to Straight Cut Lead Cable Using RG316 Coax with HeatShrink



REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV	DESCRIPTION		
	A	INITIAL RELEASE	KDANG	AGANWANI

 an INFINITE® brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
Website: www.Pasternack.com Phone: 1.866.727.8376   1.949.261.1920		DESCRIPTION: SMA MALE TO STRAIGHT CUT LEAD CABLE USING RG316 COAX WITH HEATSHRINK ITEM NO.: PE3C5493/HS
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [ ] ARE MILLIMETERS TOLERANCES: .X = ±.2 [5] .XX = ±.02 [0.5] .XXX = ±.005 [0.13] FRACTIONS ± 1/32 ANGLES ± 1° CABLE LENGTH TOLERANCES: <12 [305] ±.60 [1524] = ±.2 [51] /-0 >12 [305] ±.60 [1524] = ±.2 [51] /-0 >40 [1024] ±.120 [3048] = ±.4 [1027] /-0 >120 [3048] ±.300 [7620] = ±.93 [233] /-0	CAGE CODE: 53919 DRAWN BY: KDANG	REV: A
ALL DIMENSIONS ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED. DIMENSIONS MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.		

- NOTES:**
- CABLE ASSY LENGTH LABEL PLACEMENT: .36 INCHES OR LESS, ONE LABEL APPROX CENTERED. LONGER THAN .36 INCHES, TWO LABELS APPROX .6 INCHES FROM EACH CONNECTOR.
  - CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.
  - CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
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